

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FORM PTO-1390 (REV 10-2000)		ATTORNEY'S DOCKET NUMBER 534037mo
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		
INTERNATIONAL APPLICATION NO. PCT/JP00/01494	INTERNATIONAL FILING DATE March 13, 2000	-U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 09/926138
TITLE OF INVENTION ENZYMTIC FLUOROMETRIC ASSAY FOR cAMP AND ADENYLYLATE CYCLASE		
APPLICANT(S) FOR DO/EO/US Atsushi SUGIYAMA		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)).</p> <p>4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 16 below concern document(s) or information included:		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</p> <p>14. <input type="checkbox"/> A substitute specification.</p> <p>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>16. <input checked="" type="checkbox"/> Other items or information: (a) PCT Request in Japanese Language (b) PCT/ IB/304 (c) Demand (d) Title page of WO 00/55356 together with International Search Report (e) PCT/IB/308 (f) PCT/IB/332 (g) IPE Report (in Japanese) (h) Formal drawings--four sheets</p>		

U.S. APPLICATION NO. (if known) 37 CFR 1.55 097926158		INTERNATIONAL APPLICATION NO. PCT/JP00/01494	ATTORNEY'S DOCKET NUMBER 534037mo																												
<p>17. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :</p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1000.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO..... \$860.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$710.00</p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$690.00</p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00</p>		CALCULATIONS PTO USE ONLY																													
ENTER APPROPRIATE BASIC FEE AMOUNT =		\$ 860																													
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>27 - 20 =</td> <td>7</td> <td>X \$18.00</td> </tr> <tr> <td>Independent claims</td> <td>5 - 3 =</td> <td>2</td> <td>X \$80.00</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td></td> <td>+ \$270.00</td> </tr> <tr> <td colspan="2"></td> <td></td> <td style="text-align: right;">\$ 270</td> </tr> <tr> <td colspan="2"></td> <td></td> <td style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</td> </tr> <tr> <td colspan="2"></td> <td></td> <td style="text-align: right;">\$ 1,416</td> </tr> </tbody> </table>				CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	27 - 20 =	7	X \$18.00	Independent claims	5 - 3 =	2	X \$80.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$270.00				\$ 270				TOTAL OF ABOVE CALCULATIONS =				\$ 1,416
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			\$ 1,416																												
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		\$																													
		SUBTOTAL =	\$																												
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		\$																													
		+																													
		TOTAL NATIONAL FEE =	\$ 1,416																												
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		+	\$																												
		TOTAL FEES ENCLOSED =	\$ 1,416																												
		Amount to be refunded:	\$																												
		charged:	\$																												
<p>a. <input checked="" type="checkbox"/> A check in the amount of <u>\$ 1,416</u> to cover the above fees is enclosed. (Check No. 16276)</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>10-1213</u>. A duplicate copy of this sheet is enclosed.</p>																															
<p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p>Eric S. Spector JONES, TULLAR & COOPER, P.C. P.O. Box 2266 Eads Station Arlington, VA 22202</p> <p><i>Eric S. Spector</i></p> <p>SIGNATURE: ERIC S. SPECTOR NAME 22495 REGISTRATION NUMBER</p>																															

Practitioner's Docket No. 534037mo

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re prior application of: Atsushi SUGIYAMA
Application No.: 0 / TBA Group No.:
Filed: September 10, 2001 Examiner:
For: ENZYMOLOGIC FLUOROMETRIC . . .

**Assistant Commissioner for Patents
Washington, D.C. 20231**

**APPLICATION DATA SHEET
37 C.F.R. § 1.76**

NOTE: 37 C.F.R. § 1.76(a): "Application data sheet. An application data sheet is a sheet or sheets, that may be voluntarily submitted in either provisional or nonprovisional applications, which contains bibliographic data, arranged in a format specified by the Office. If an application data sheet is provided, the application data sheet is part of the provisional or nonprovisional application for which it has been submitted."

BIBLIOGRAPHIC DATA

1. Applicant information

NOTE: 37 C.F.R. § 1.76(b)(1): "(1) Applicant information. This information includes the name, residence, mailing address, and citizenship of each applicant (§ 1.41(b)). The name of each applicant must include the family name, and at least one given name without abbreviation together with any other given name or initial. If the applicant is not an inventor, this information also includes the applicant's authority (§§ 1.42, 1.43, and 1.47) to apply for the patent on behalf of the inventor."

CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10

*(When using Express Mail, the Express Mail label number is mandatory;
Express Mail certification is optional.)*

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

- deposited with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents and Trademarks, Washington, D.C. 20231
37 C.F.R. § 1.8(a) 37 C.F.R. § 1.10*

with sufficient postage as first class mail. as "Express Mail Post Office to Addressee"
Mailing Label No. _____ (mandatory)

TRANSMISSION

- facsimile transmitted to the Patent and Trademark Office, (703) _____-_____

Signature

Date: _____

(type or print name of person certifying)

09/926138

518 Rec'd PCT/PTO 10 SEP 2001

First applicant:

Atsushi

GIVEN NAME

MIDDLE INITIAL OR NAME

SUGIYAMA

FAMILY (OR LAST NAME)

Citizenship Japan

Residence Yamanashi, Japan

Second applicant, (if any)

GIVEN NAME

MIDDLE INITIAL OR NAME

FAMILY (OR LAST NAME)

Citizenship

Residence

Third applicant, (if any)

GIVEN NAME

MIDDLE INITIAL OR NAME

FAMILY (OR LAST NAME)

Citizenship

Residence

Fourth applicant, if any

GIVEN NAME

MIDDLE INITIAL OR NAME

FAMILY (OR LAST NAME)

Citizenship

Residence

Fifth applicant, (if any)

GIVEN NAME

MIDDLE INITIAL OR NAME

FAMILY (OR LAST NAME)

Citizenship

Residence

Sixth applicant, (if any)

GIVEN NAME

MIDDLE INITIAL OR NAME

FAMILY (OR LAST NAME)

Citizenship

Residence

(Application Data Sheet [4-1.1]—page 2 of 6)

- Applicant is not the inventor and applicant's authority (§§ 1.42, 1.43 and 1.47) to apply for the patent on behalf of the inventor is as follows:

2. Correspondence information

NOTE: 37 C.F.R. § 1.76(b)(2): "(2) Correspondence information. This information includes the correspondence address, which may be indicated by reference to a customer number, to which correspondence is to be directed (see § 1.33(a))."

Correspondence for this application should be addressed as follows:

Name: ERIC S. SPECTOR

Address: JONES, TULLAR & COOPER, P.C.

P.O. Box 2266 Eads Station, Arlington, VA 22202

Customer No.: 23294

3. Application information.

NOTE: 37 C.F.R. § 1.76(b)(3): "Application information. This information includes the title of the invention, a suggested classification, by class and subclass, the Technology Center to which the subject matter of the invention is assigned, the total number of drawing sheets, a suggested drawing figure for publication (in a nonprovisional application), any docket number assigned to the application, the type of application (e.g., utility, plant, design, reissue, provisional), whether the application discloses any significant part of the subject matter of an application under a secrecy order pursuant to § 5.2 of this chapter (see § 5.2(c)), and, for plant applications, the Latin name of the genus and species of the plant claimed, as well as the variety denomination. The suggested classification and Technology Center information should be supplied for provisional applications whether or not claims are present. If claims are not present in a provisional application, the suggested classification and Technology Center should be based upon the disclosure."

Title of Invention: ENZYMTIC FLUOROMETRIC ASSAY FOR cAMP AND ADENYLYL CYCLASE

Docket number assigned to this application: 534037mo

Suggested Classification: Class:

Subclass:

Technology Center to which subject matter is assigned: 1600

NOTE: "The suggested classification and Technology Center information should be supplied for provisional applications whether or not claims are present. If claims are not present in a provisional application, the suggested classification and Technology Center should be based upon the disclosure." 37 C.F.R. § 1.76(b)(3).

Total number of drawing sheets:

Type of application:

utility

application is to be published

Suggested drawing figure for publication: _____

application is not to be published

plant

Latin names of the genus _____

species _____

of plant being claimed.

design

reissue

provisional

Secrecy order under § 5.2:

This application

does not disclose

discloses a significant part of the

subject matter of an application which is under a secrecy order pursuant to § 5.2.

4. Representative information

NOTE: 37 C.F.R. § 1.76(b)(4) states: "Representative information. This information includes the registration number of each practitioner having a power of attorney or authorization of agent in the application (preferably by reference to a customer number). Providing this information in the application data sheet does not constitute a power of attorney or authorization of agent in the application (see § 1.34(b))." (Emphasis added).

The following have a power of attorney or authorization of agent in this application:

Name of attorney (agent): ERIC S. SPECTOR

Address: JONES, TULLAR & COOPER, P.C. .

P.O. Box 2266 Eads Station, Arlington, VA 22202

Customer No.: 23294

5. Domestic Priority information

NOTE: "Domestic priority information. This information includes the application number, the filing date, the status (including patent number if available), and relationship of each application for which a benefit is claimed under 35 U.S.C. 119(e), 120, 121, or 365(c). Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and § 1.78(a)(2) or § 1.78(a)(4), and need not otherwise be made part of the specification." 37 C.F.R. § 1.76(b)(5).

Domestic priority for this application is claimed as follows:

35 U.S.C. § 119(e): Application No.: _____

Filed: _____

Status: _____

Relationship: _____

(Application Data Sheet [4-1.1]—page 4 of 6)

- 35 U.S.C. § 120: Application No.: _____
 Filed: _____
 Status: _____
 Relationship: _____
- 35 U.S.C. § 121: Application No.: _____
 Filed: _____
 Status: _____
 Relationship: _____
- 35 U.S.C. § 365(c): Application No.: _____
 Filed: _____
 Status: _____
 Relationship: _____

6. Foreign priority information

NOTE: "Foreign priority information. This information includes the application number, country, and filing date of each foreign application for which priority is claimed, as well as any foreign application having a filing date before that of the application for which priority is claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and § 1.55(a)." 37 C.F.R. § 1.76(b)(6).

WARNING: Section 1.55(a) provides (1)that in an original application filed under 35 U.S.C. 111(a) (other than a design application) the claim for priority must be presented during the pendency of the application, and within the later of four months from the actual filing date of the application or sixteen months from the filing date of the prior foreign application; (2) in an application that entered the national stage from an international application after compliance with 36 U.S.C. 371, the claim for priority must be made during the pendency of the application and within the time limit set forth in the PCT and the Regulations under the PCT.

Foreign priority is claimed for this application as follows:

Country: Japan

Application No.: 073690/1999

Filing date: March 18, 1999

Status: _____

Foreign application having a filing date before that of the above application for which priority is claimed.

None

Country: _____

Application No.: _____

Filing date: _____

Status: _____

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518 Recd PCT/PTO 10 SEP 2001

7. Assignee information

NOTE: 37 C.F.R. § 1.76(b) "Assignee information. This information includes the name (either person or juristic entity) and address of the assignee of the entire right, title, and interest in an application. Providing this information in the application data sheet does not substitute for compliance with any requirement of part 3 of this chapter to have an assignment recorded by the Office."

NOTE: 37 C.F.R. § 1.215(b): "(b) If applicant wants the patent application publication to include assignee information, the applicant must include the assignee information on the application transmittal sheet or the application data sheet (§ 1.76). Assignee information may not be included on the patent application publication unless this information is provided on the application transmittal sheet or application data sheet included with the application on filing. Providing this information on the application transmittal sheet or the application data sheet does not substitute for compliance with any requirement of part 3 of this chapter to have an assignment recorded by the Office."

The assignee(s) of this application is/are:

Name of assignee: FUSO PHARMACEUTICAL INDUSTRIES, LTD.

Address of assignee: 7-10, Doshomachi-1-chome, Chuo-ku

Osaka-shi, Osaka 541-0045, JAPAN

Extent of interest of assignee in application: 100

Reg. No. 22495

Signature of Practitioner

ERIC S. SPECTOR

(type or print name of practitioner)

JONES, TULLAR & COOPER, P.C.

P.O. Address

P.O. Box 2266 Eads Station
Arlington, VA 22202

Tel. No. (703) 415-1500

Customer No. 23294

(Application Data Sheet [4-1.1]—page 6 of 6)

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The PTO did not receive the following
listed item(s)

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